

---

*North America's Leader in Hazardous Material Information Management*  
*1905 Aston Avenue, Carlsbad, CA 92008*  
*Phone (800) 451-8346 Fax (760) 602-8888*

---

## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☒ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☐ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Clorox Company  
Product Name: Pine-Sol Spray Cleaner (DISCONTINUED)



The Clorox Company  
7200 Johnson Drive  
Pleasanton, California 94588  
Tel. (510) 847-6100

## Material Safety Data Sheet

<b>I Product:</b> PINE-SOL SPRAY CLEANER														
<b>Description:</b> CLEAR AMBER LIQUID														
<b>Other Designations</b>	<b>Manufacturer</b>	<b>Emergency Telephone No.</b>												
PINE-SOL Multi-Action Spray Cleaner PINE-SOL Spray	The Clorox Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call Rocky Mountain Poison Center: 1-800-446-1014 For Transportation Emergencies, call Chemtrec: 1-800-424-9300												
<b>II Health Hazard Data</b>		<b>III Hazardous Ingredients</b>												
<p>May cause eye irritation. Do not get in eyes. Overexposure to this product may cause the worker exposure limit of 2-butoxyethanol to be exceeded. Reports have associated blood and bone marrow damage with exposure to 2-butoxyethanol. Avoid contact with food. There are no known medical conditions aggravated by exposure to this product.</p> <p><b>FIRST AID:</b> <b>EYE CONTACT:</b> Immediately flush eyes with plenty of water. If irritation persists, call a physician. <b>SKIN CONTACT:</b> Remove contaminated clothing. Flush skin with water. <b>IF SWALLOWED:</b> Drink a glassful of water or milk, and call a physician. <b>INHALATION:</b> If breathing is affected, breathe fresh air.</p>		<table border="1"><thead><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr></thead><tbody><tr><td>2-Butoxyethanol CAS #111-76-2</td><td>&lt; 8%</td><td>25 ppm (skin) TLV-TWA 50 ppm (skin) PEL-TWA</td></tr><tr><td>Isopropyl alcohol CAS #67-63-0</td><td>&lt; 3%</td><td>400 ppm, TLV-TWA and PEL-TWA</td></tr><tr><td>Cationic/nonionic surfactants</td><td>&lt; 5%</td><td>500 ppm, TLV-STEL None established</td></tr></tbody></table> <p>TLV-TWA = Threshold Limit Value - Time Weighted Average Source: ACGIH</p> <p>STEL = Short Term Exposure Limit PEL = Permissible Exposure Limit Source: OSHA</p> <p>None of the ingredients in this product are on the NTP, IARC, or OSHA carcinogen lists.</p>	Ingredients	Concentration	Worker Exposure Limit	2-Butoxyethanol CAS #111-76-2	< 8%	25 ppm (skin) TLV-TWA 50 ppm (skin) PEL-TWA	Isopropyl alcohol CAS #67-63-0	< 3%	400 ppm, TLV-TWA and PEL-TWA	Cationic/nonionic surfactants	< 5%	500 ppm, TLV-STEL None established
Ingredients	Concentration	Worker Exposure Limit												
2-Butoxyethanol CAS #111-76-2	< 8%	25 ppm (skin) TLV-TWA 50 ppm (skin) PEL-TWA												
Isopropyl alcohol CAS #67-63-0	< 3%	400 ppm, TLV-TWA and PEL-TWA												
Cationic/nonionic surfactants	< 5%	500 ppm, TLV-STEL None established												
<b>IV Special Protection and Precautions</b>		<b>V Transportation and Regulatory Data</b>												
<p>Do not get in eyes. For sensitive skin or repeated/prolonged skin contact, wear gloves.</p> <p><u>Personal protection:</u> chemical safety goggles and protective gloves.</p>		<p><u>U.S. DOT Hazard Class:</u> Not restricted <u>U.S. DOT Proper Shipping Name:</u> Compound, cleaning, liquid</p> <p><u>EPA CERCLA/SARA TITLE III:</u></p> <table border="1"><thead><tr><th>Chemical Name</th><th>CERCLA/304 RQ (lbs)</th><th>311/312</th><th>313</th></tr></thead><tbody><tr><td>2-Butoxyethanol</td><td>...</td><td>Yes</td><td>No</td></tr><tr><td>Isopropyl alcohol</td><td>...</td><td>Yes</td><td>Yes</td></tr></tbody></table> <p><u>TSCA:</u> All chemicals in this product are listed on the TSCA inventory.</p>	Chemical Name	CERCLA/304 RQ (lbs)	311/312	313	2-Butoxyethanol	...	Yes	No	Isopropyl alcohol	...	Yes	Yes
Chemical Name	CERCLA/304 RQ (lbs)	311/312	313											
2-Butoxyethanol	...	Yes	No											
Isopropyl alcohol	...	Yes	Yes											
<b>VI Spill Procedures/Waste Disposal</b>		<b>VII Reactivity Data</b>												
<p><u>Spill Procedures:</u> Containize and dispose of in accordance with local regulations. Contact the local waste water treatment facility to determine whether residual may be washed down to the sanitary sewer.</p> <p><u>Waste Disposal:</u> Reclaim, if possible, otherwise dispose in accordance with all applicable federal, state, and local regulations.</p>		<p><u>Stability:</u> stable <u>Polymization:</u> will not occur <u>Conditions to Avoid:</u> storage at high temperature (+ 120° F) <u>Incompatible Materials:</u> no specific incompatibility <u>Hazardous Decomposition Products:</u> thermal decomposition may produce carbon dioxide (CO<sub>2</sub>) and/or carbon monoxide (CO).</p>												
<b>VIII Fire and Explosion Data</b>		<b>IX Physical Data</b>												
<p><u>Flash Point:</u> 150°F closed cup <u>Fire Extinguishing Agents:</u> Dry chemical, carbon dioxide (CO<sub>2</sub>), foam or water spray. <u>Special Fire-Fighting Procedures:</u> None <u>Unusual Fire and Explosion Hazards:</u> None</p>		<p><u>Appearance:</u> clear, amber liquid <u>Odor:</u> pine <u>pH:</u> 10.9 - 11.9 <u>Solubility in water:</u> completely soluble <u>Specific gravity (water = 1):</u> 1.0031</p>												